



VIZION®

Model No:

No. de Modelo: HT30746

Nº de modèle :

INTEGRATED HDTV
HIGH-DEFINITION TELEVISION

Owner's Manual

ENGLISH

Table of Contents 3

Manual de Instrucciones

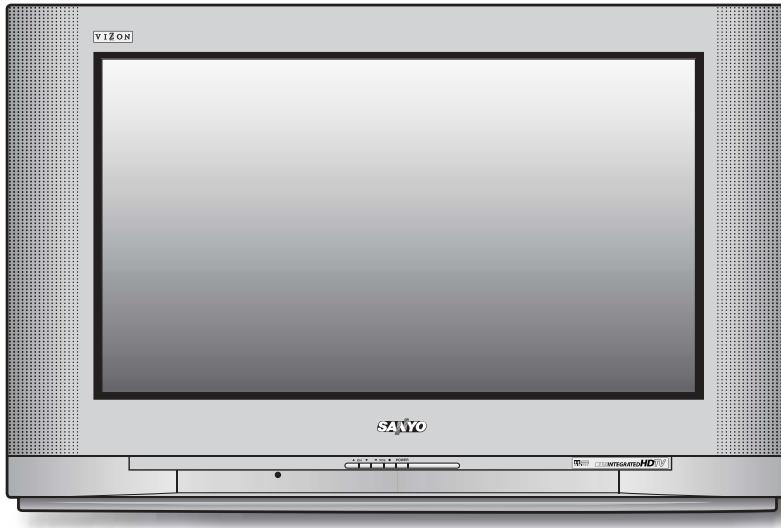
ESPAÑOL

Contenido 25

Manuel d'instructions

FRANÇAIS

Table des matières 49



As Real As It Gets!



"Read this manual before assembling (or using) this product."



Need assistance?

Visit our website at www.sanyoctv.com

or

Call toll free 1.800.877.5032

We can Help!



"As an ENERGY STAR® Partner, Sanyo Manufacturing Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency."

© 2006 Sanyo Manufacturing Corporation

Importado Por : Comercializadora México Americana, S. DE R.L. DE C.V.
Nextengo N° 78
Col. Santa Cruz Acatyucan
Del. Azcapotzalco, México D.F. C.P. 02770
RFC CMA 9109119L0
Teléfono: 55-5328-3500

Printed in U.S.A. SMC, January 2006
Impreso en U.S.A. SMC, Enero 2006
Imprimé aux. É-U SMC, janvier 2006
Part No. / No. de Parte / Nº de piece :
1AA6P1P5037A-

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THIS UNIT.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE ADHERE TO ALL WARNINGS ON THE PRODUCT AND IN THE OPERATING INSTRUCTIONS. BEFORE OPERATING THE PRODUCT, PLEASE READ ALL OF THE SAFETY AND OPERATING INSTRUCTIONS. RETAIN THIS LITERATURE FOR REFERENCE. *Follow all instructions...*

Positioning the Appliance

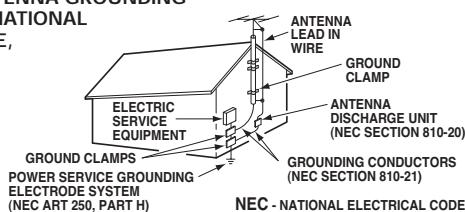
1. Do not place your appliance on an unstable cart, stand, shelf or table. Serious injury to an individual, and damage to the appliance, may result if it should fall. Your salesperson can recommend approved carts and stands or shelf and wall mounting instructions. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
2. Slots and openings in the cabinet and in the back or bottom are provided for ventilation. To ensure reliable operation of the appliance and to protect it from overheating, these openings must not be blocked or covered. The openings should never be covered with a cloth or other material, and the bottom openings should not be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This appliance should never be placed near or over a radiator or heat register. This appliance should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.
3. Do not expose the appliance to rain or use near water . . . for example, near a bathtub, swimming pool, kitchen sink, in a wet basement, etc.



Hooking Up Outdoor Antenna

LIGHTNING PROTECTION FOR YOUR ANTENNA AND SET AS PER NATIONAL ELECTRICAL CODE INSTRUCTIONS.

**EXAMPLE OF ANTENNA GROUNDING
ACCORDING TO NATIONAL
ELECTRICAL CODE,
ANSI/NFPA 70**



Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical."

4. If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Plug in the power cord

5. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. This product is equipped with a three-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.

6. Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

Cleaning

7. Before cleaning, unplug the unit from the wall outlet. Do not apply liquid cleaners or aerosol cleaners directly to the unit. Use a dry cloth for cleaning.

Service & Repair

8. Unplug the appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. If the power cord or plug is damaged or frayed.
 - B. If liquid has been spilled into the appliance.
 - C. If the appliance has been exposed to rain or water.
 - D. If the appliance has been dropped or the cabinet has been damaged.
 - E. If the appliance exhibits a distinct change in performance.
 - F. If the appliance does not operate normally by following the operating instructions, adjust only those controls that are covered in the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to normal operation.
9. Upon completion of any service or repair, request the service technician's assurance that only Factory Authorized Replacement Parts that have the same characteristics as the original parts were used, and that routine safety checks have been performed to determine that the appliance is in safe operating condition. Unauthorized substitutions may result in fire, electrical shock, or other hazards.
10. Never add accessories that have not been specifically designed for use with this appliance as they may cause hazards.
11. For added protection during a lightning storm, or when the set is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the set due to lightning or power line surges.
12. Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

CHILD SAFETY

Sanyo is committed to making home entertainment safe and enjoyable. Always use an appropriate table or stand when positioning your DTV. Use appropriate brackets, braces, or straps to anchor your furniture in place. But never screw anything directly to the television.

Do not place televisions on dressers, shelves, desks, carts, etc. where curious or excited children could pull, push, or otherwise cause the unit to fall and cause personal injury.

Never place toys or other items on top of the DTV that could pique children's curiosity causing them to climb about the furniture.

Always use stands that are designed to support the size and combined weight of your television and other electronic devices.



TO THE OWNER

Welcome to the World of Sanyo

Thank you for purchasing this Sanyo High-Definition Digital Television. You made an excellent choice for Performance, Reliability, Features, Value, and Styling.

Important Information

Before installing and operating this DTV, read this manual thoroughly. This DTV provides many convenient features and functions. Operating the DTV properly enables you to manage

those features and maintain it in good condition for many years to come.

If your DTV seems to operate improperly, read this manual again, check operations and cable connections and try the solutions in the "Helpful Hints" section, page 21 of this manual. If the problem still persists, visit our website at www.sanyoctv.com or call 1.800.877.5032. We can help!

CONTENTS

IMPORTANT SAFETY INSTRUCTIONS	2
Child Safety	2
TO THE OWNER	3
FEATURES	4
SPECIFICATIONS	4
FIRST-THINGS-FIRST (REQUIRED INITIAL SETUP)	5
Initial Signal Connections	5
Digital (DTV) (RF) Antenna Connection	5
Analog (RF) Antenna Connection	5
Installing two "AAA" Batteries	6
All Channel Search	6
Analog Antenna Signal (Optional)	6
DTV BACK—JACKS LOCATIONS & FUNCTIONS	7
CHOOSE YOUR CONNECTION	8
DIGITAL AV CONNECTIONS	
Connecting External Equipment to HDMI Input	9
Connecting STB or DVD with DVI Output to HDMI Input	9
Using the Component Jacks to connect a DVD Player or Other Digital Equipment	10
Connecting Digital Audio Out Jack to a Multi-Channel Receiver	10
ANALOG AV CONNECTIONS	
Using the Analog Video Jacks to connect a VCR (or Other Analog Device)	11
Connecting Analog Audio Out Jacks to a Stereo Amplifier	11
USING THE REMOTE CONTROL	
Precautions	12
Remote Control Keys (functions)	12 ~ 13
DTV ADJUSTMENT AND SETUP	
How to Operate the On-Screen Menu	14
Menu Navigation Map	14
MENU OPTIONS	
All Channel Search	14
Digital Cable Search (Optional)	15
Digital Add-On Search	15
Analog Antenna Signal (Optional)	16
Channel Scan Memory	16
Digital Caption:	
Changing the Look of Digital Captioning	17
To View Captions	17
V-Guide (Parental Control):	
To Block MPAA Movie or TV Programs	18
To Setup V-Guide Ratings	18
To Temporarily Unblock MPAA Movie or TV Rating	18
To Unblock All MPAA Movie or All TV Rating	18
TV Ratings (Age and Content-Based) Symbol Explanation ..	19
MPAA Movie Ratings (Age-Based) Symbol Explanation ..	19
Picture/Sound Adjustment	20
Menu Language	20
HELPFUL HINTS (PROBLEMS/SOLUTIONS)	21
CARE AND CLEANING	22
MEXICO GUARANTEE	23
WARRANTY (U.S.A. AND CANADA)	24

FEATURES

- ◆ 30" Wide Flat Screen
- ◆ Trilingual Menu Options (English, Spanish, or French)
- ◆ Built-in Digital and Analog Tuners
- ◆ Automatic Channel Search
- ◆ 3-Line Digital Comb Filter (for better picture detail)
- ◆ V-Chip for Movies and TV guidelines rating limits (parental control)
- ◆ Closed-Captioning: Analog EIA-608B
Digital EIA-708B
- ◆ Audio Modes: Digital—Main and Sub
Analog—Stereo, Mono, and SAP
- ◆ Tone
- ◆ Front speakers (two): 5 x 9 cm
- ◆ Factory preset adjustments for picture/sound
- ◆ Picture Shape: PIX1, PIX2, PIX3, and PIX4
- ◆ Audio Format: Dolby® Digital for ATSC (DTV) and Analog for NTSC
- ◆ Receivable Formats: Digital Tuner for ATSC terrestrial broadcasts and nonscrambled (ClearQAM) cable channels.
- ◆ NTSC analog tuner for VHF/UHF or CATV
- ◆ Channel Scan Memory
- ◆ Receives 181 Analog Channels (VHF 2~13 and UHF 14~69; Cable 14~125); and 99 Digital Channels
- ◆ HDMI (High-Definition Multimedia Interface) Input with HDCP (High-bandwidth Digital Content Protection)
- ◆ RF Antenna Input Jacks: Digital and Analog
- ◆ Component Video Input (Two Sets)
- ◆ Rear Composite AV Input
- ◆ S-Video Input
- ◆ Optical Digital Audio Out
- ◆ Fixed Analog Audio Out
- ◆ XDS (Extended Data Services) displays station call letters, title of show, and ratings when broadcast
- ◆ Sleep Timer (3 hours)
- ◆ 32-Key Remote Control

SPECIFICATIONS

Picture Tube Size (Measured Diagonally):

30" Wide Flat Screen

Scanning Format: 1080i (All Signals are Converted to 1080i)

RF Antenna Input: Analog—UHF/VHF/CATV 75 ohm
Digital—75 ohm

Power Requirement: Source: AC 120V, 60Hz

Power Consumption: 140 Watts (Average)

Sound: Two Speakers, size: 5 x 9 cm

Amplifier: Built-in with 5.0W/ch

Jacks / Connectors:

INPUT1: Composite Video and Audio R/L
S-Video

INPUT2: Component (Y/Pb/Pr) with Audio R/L Input

INPUT3: Component (Y/Pb/Pr) with Audio R/L Input

Digital Audio Output: Dolby® Digital (Optical)

Analog Audio Output: Audio R/L

HDMI Input: 19-pin connector (Picture/Sound with
HDCP)

Size and Weight (approximately):

Horizontal Dim. (Width): 34.6 in. (878mm)

Vertical Dim. (Height): 22.6 in. (573mm)

Depth Dim. (Thickness): 21.6 in. (549mm)

Weight: 114.1 (lbs.) 51.8 (Kg)

Specifications are subject to change without notice.

CAUTION: FCC Regulations state that improper modifications or unauthorized changes to this unit may void the user's authority to operate the unit.

Trademarks Information:

Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

VIZION® with a double "Z" is a registered trademark of Sanyo Manufacturing Corporation.



This symbol on the nameplate means the product is Listed by Underwriters' Laboratories Inc. It is designed and manufactured to meet rigid U.L. safety standards against risk of fire, casualty and electrical hazards.

FIRST-THINGS-FIRST (REQUIRED INITIAL SETUP)

This new high-definition digital television is capable of reproducing a crystal clear picture and exceptional sound. ***The signal makes the difference!***

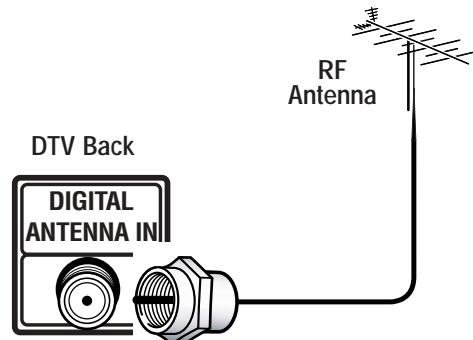
1 INITIAL SIGNAL CONNECTIONS

Digital (DTV) RF Antenna Connection

- Connect an RF antenna to the Digital Antenna In terminal.

The digital tuner in this DTV receives HD signals from an antenna. Digital signals from a Set-top Box are received through the Component In jacks.

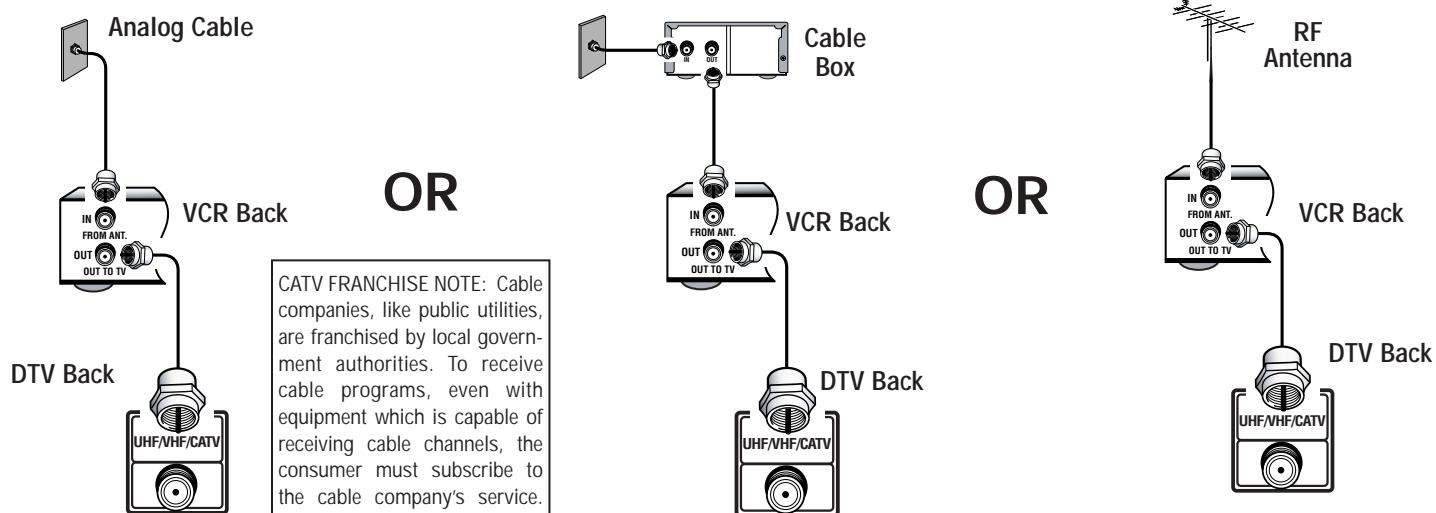
This DTV can receive ANY resolution being broadcast (HDTV, EDTV, or SDTV). However, ALL resolutions are converted to 1080i for display.



Analog RF Antenna Connection

- Connect a Cable signal (with or without a cable box) or RF antenna to the Analog RF input.

The analog tuner in this DTV receives Analog Antenna signals, Analog Cable signals, or the RF output from a VCR or cable box.



Notes: If you do not have a VCR, connect signal directly to the TV 75 ohm terminal (UHF/VHF/CATV).

Don't be fooled by the phrase "Available in High-Definition." The only resolution available with any of these analog connections, regardless of the original content, is standard analog (SDTV).

(Continued on next page.)

Quick Tips

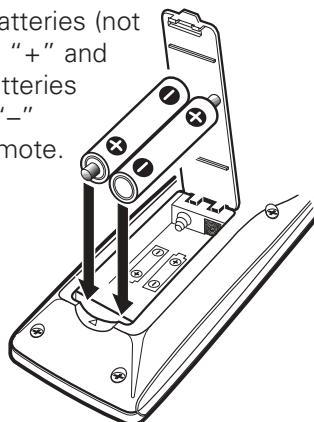
- DTV will select the correct Antenna mode for the type of Analog RF signal connected automatically.
- Use "Analog Antenna Signal" in the Setup menu to change the Antenna Mode.
- If you move the DTV to a new location, press the **RESET** key twice after connecting the signal and turning on the DTV.

2 INSTALL TWO "AAA" BATTERIES

- Install two "AAA" Batteries (not included) so that the "+" and "-" marks on the batteries match the "+" and "-" marks inside the Remote.

To review the Remote functions, go to pages 12 ~ 13.

NOTE: Use two "AAA" Alkaline batteries.



Quick Tips

- Remove the batteries if the remote control will not be used for a month or more. Weak batteries may leak and cause damage. (Normal battery life is roughly six months.)
- If batteries have leaked in the Remote Control Unit, carefully wipe the case clean and load new batteries.

IMPORTANT NOTE: Spent or discharged batteries must be recycled or disposed properly in compliance with all applicable laws. For detailed information, contact your local County Solid Waste Authority.

NOTES:

The on-screen message for digital search will appear with a progress bar and percentile number displayed across the bottom of the screen (to indicate activity) as the search process continues.

Channel information found during the channel search is stored in the Channel Scan Memory database. After the All Channel Search is completed, the DTV will tune to the lowest Digital channel or lowest Analog channel if no digital channels are found.

If the DTV does not detect any digital or analog channels, a message advising the viewer to check the cables and antenna connections will appear. In this case, you must press the **CHANNEL UP (CH ▲)** key again to repeat the channel search process. If after two searches the DTV still fails to detect any channels, the DTV will tune to analog channel 3. **These two channel searches are necessary even if you plan to use the DTV only as a monitor.**

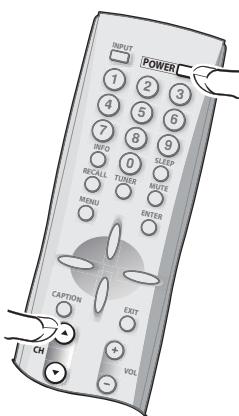
No input signal sources could be located.
Please check cable or antenna connections.
Then press the CHANNEL UP key.

3 ALL CHANNEL SEARCH

When the television is powered on for the first time, it automatically checks for the presence of an RF signal.

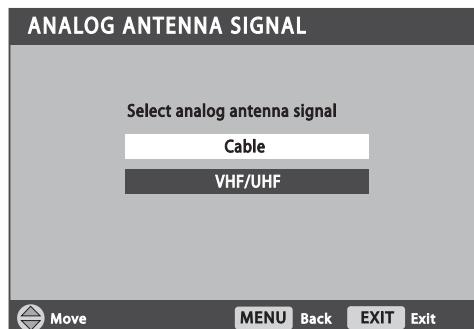
- Press the **POWER** key to turn on the DTV.
- Then press the **CHANNEL UP (CH ▲)** key to automatically search for available channels: Digital (ATSC) and Analog (NTSC).

The All Channel Search contains two processes that are executed simultaneously for digital and analog channels.



4 ANALOG ANTENNA SIGNAL (Optional)

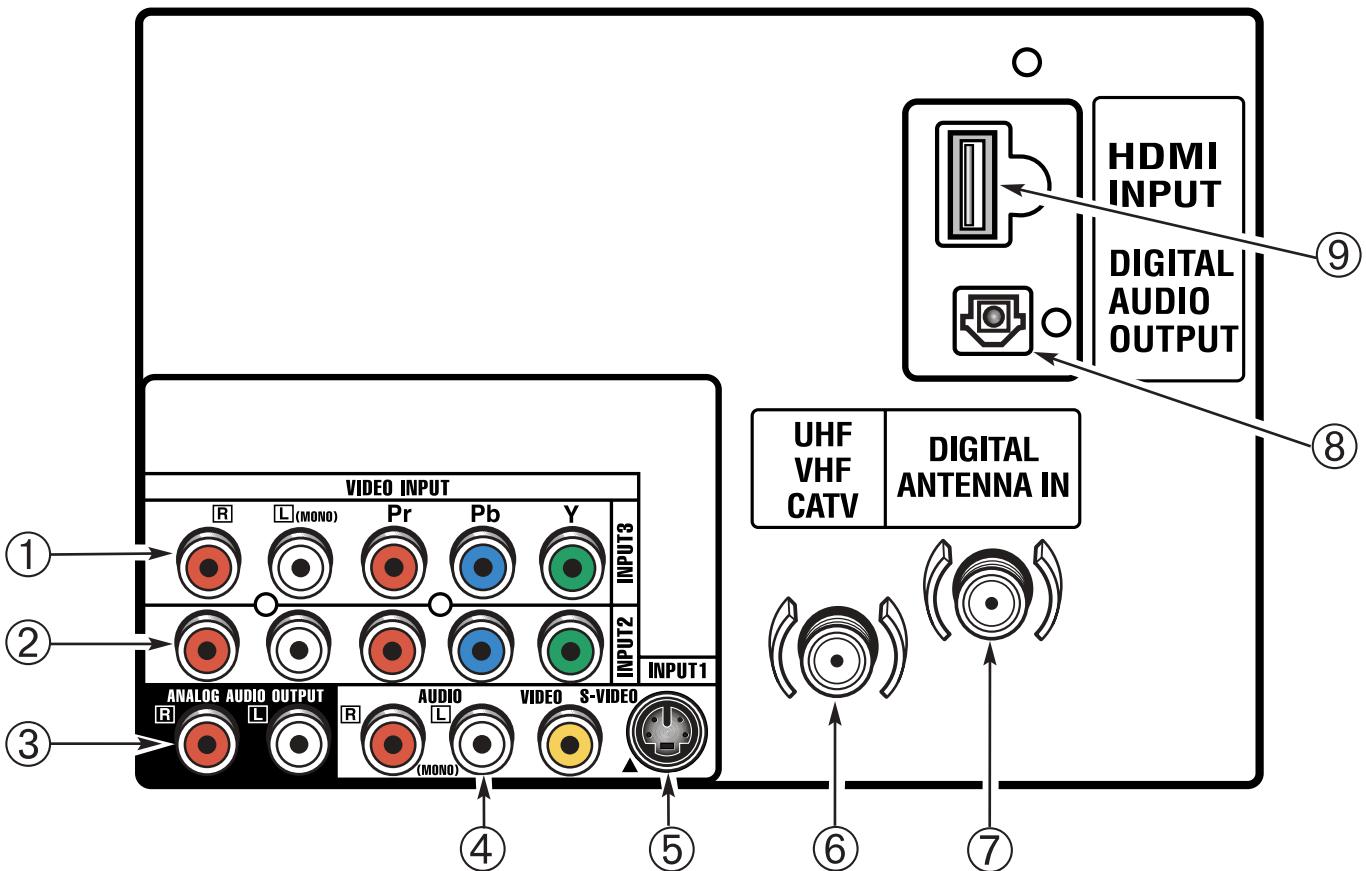
To change the initial ANALOG tuning system setup (from antenna to cable or cable to antenna), use the on-screen menu. See "Analog Antenna Signal" on page 16.



First
Please connect all signals and antennas to jacks and terminals on the back of the TV.
Then press the CHANNEL UP key.



DTV BACK— JACKS LOCATIONS AND FUNCTIONS



① **Component Video Input (INPUT3), PAGE 10—** Connect digital video equipment to the Y, Pb, Pr and Audio R/L jacks. These jacks will automatically detect the type of signal being received.

② **Component Video Input (INPUT2), PAGE 10—** Connect digital video equipment to the Y, Pb, Pr and Audio R/L jacks. These jacks will automatically detect the type of signal being received.

③ **Analog Audio Out (R/L) Jacks, PAGE 11—** Connect external audio equipment here.

④ **Audio/Video Input (INPUT1), PAGE 11—** Connect analog video equipment here.

NOTE: S-Video connection overrides the Video (INPUT1) composite video connection.

⑤ **S-Video Input (INPUT1), PAGE 11—** To enhance video detail use the S-Video jacks instead of the Video jacks, if available on your external equipment. (S-Video connection will override connection to the Video (INPUT1) input jack.)

⑥ **Analog Antenna Input (UHF/VHF/CATV), PAGE 5—** Connect an RF antenna or Analog cable system to this jack.

⑦ **Digital Antenna Input, PAGE 5—** Connect an RF antenna to this jack.

⑧ **Digital Audio Output, PAGE 10—** Use an Optical Audio cable to connect the Digital Audio Output to an advanced stereo home theater system equipped with Dolby® Digital 5.1.

⑨ **HDMI (High Definition Multimedia Interface) Input, PAGE 9—** Connect digital video equipment to this jack. It takes only one high bandwidth cable (not supplied) to communicate between audio/video equipment and this TV. This connection is compatible with DVI equipped devices. (Separate audio connection and an adapter are required for DVI device.)

CHOOSE YOUR CONNECTION

This DTV is designed to handle several different connections making it compatible with Digital and Analog devices.

In order to receive the best performance from your DTV, choose your connection using this chart; then go to the specified page for detailed instructions.

Digital Signal Connections	Compatible External Equipment	Cables Needed (<i>Not Supplied</i>)	Go to Page	
HDMI <i>Will accept HDTV (High Bandwidth Video component and 5.1 Audio)</i>	Digital Set-Top Box or DVD Player 	Video Game 	19 Pin HDMI 	9
COMPONENT (Y, Pb, Pr) IN <i>Will accept HDTV, EDTV, or SDTV Video content. (Requires separate audio connections.)</i>	Video Game 	Digital Set-Top Box or DVD Player 	Component Video Cable [Green, Blue, and Red connectors] Audio Cable [White and Red connectors] 	10
DIGITAL AUDIO OUT <i>(Only available when received as part of a Digital RF signal or HDMI signal.)</i>	Multi-Channel Receiver 	Speaker System 	Optical Digital Cable 	10

Analog Signal Connections	Compatible External Equipment	Cables Needed (<i>Not Supplied</i>)	Go to Page	
COMPOSITE VIDEO OR S-VIDEO IN LEFT / RIGHT ANALOG AUDIO IN	Video Game 	DVD Player 	Composite Video Cable [Yellow, White, and Red connectors] S-Video Cable 	11
ANALOG AUDIO OUT JACKS	Stereo Amplifier System 	Speaker System 	Audio Cable [White and Red connectors] 	11

DIGITAL AV CONNECTIONS

This is the best option for picture and sound! Using the HDMI connection, which has high-definition content protection, provides you with uncompressed digital video and audio, Dolby® Digital 5.1 or PCM sound. This connection requires only one cable. As *Real As It Gets!*

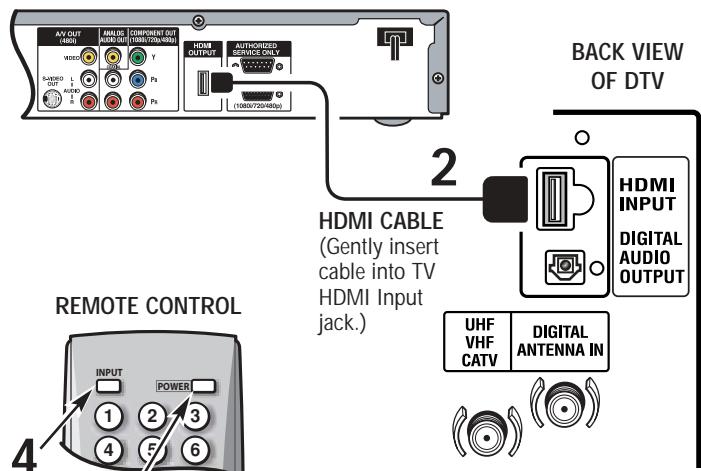
CONNECTING EXTERNAL EQUIPMENT TO HDMI (INCLUDES HDCP COPY PROTECTION)

To avoid problems with some brands of external equipment, follow this procedure when connecting cables and powering on your equipment.

- 1 Switch off DTV and external equipment before connecting cable. (*Cable is not supplied.*)
- 2 Connect the external equipment's high bandwidth HDMI Output to the DTV's HDMI Input.
- 3 The DTV must be turned on first, press **POWER**. Then turn on your external equipment.
- 4 Press **INPUT** to select **HDMI** to view a digital program.

HDMI

SET-TOP BOX (Can be a Digital Satellite Receiver, DVD Player, or similar digital device.)



What you will need for connections:

19 Pin HDMI Digital Cable – 1

(Make sure you check the pin configuration of the cable plug-end*)

*Adapter may be required. Check with your local electronics store.

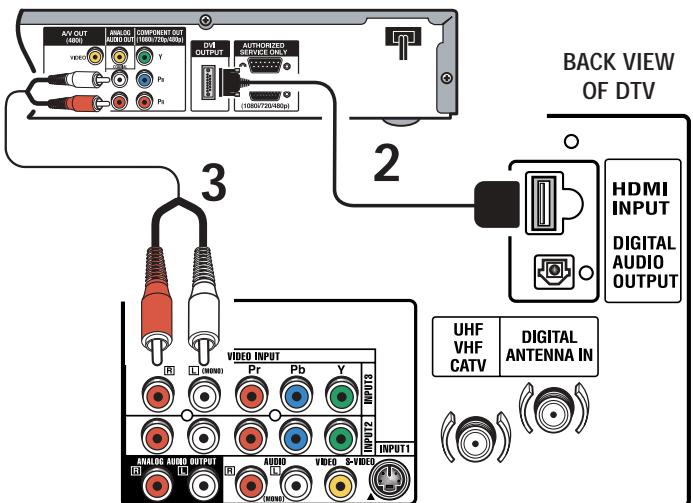
CONNECTING STB WITH DVI OUTPUT TO HDMI INPUT

- 1 Switch off DTV and external equipment before connecting cable. (*Cable is not supplied.*)
- 2 Connect the STB DVI Output to a "DVI to HDMI Cable;" then connect the cable to the DTV's HDMI input.

NOTE: *Check with your local electronics store for a DVI to HDMI Cable that matches your equipment and the DTV.*

- 3 Connect the STB Audio R/L to the DTV's INPUT3 Audio R/L.
- 4 The DTV must be turned on first, press **POWER**. Then turn on your external equipment.
- 5 Press **INPUT** to select **HDMI** to view a digital program.

SET-TOP BOX (Can be a Digital Satellite Receiver, DVD Player, or similar digital device.)



What you will need for connections:

DVI to HDMI Cable – 1

Audio Cable – 1

IMPORTANT NOTE FOR MONITOR USE:

If you did not connect an antenna, you **must** run All Channel Search twice before you can select the AV inputs.

Quick Tips

- If the television HDMI pin configuration is different from the pin configuration on your set-top box, you will need to use an Adapter.
- Press the **INPUT** key after connecting cables to access the AV Inputs. There is NO need to tune to a blank channel.

- With a DVI connection, make sure you connect Audio out to the TV's INPUT3 Audio in.
- Because the INPUT3 audio jacks are used to receive the audio from the DVI device, these video jacks cannot be used when a DVI device is connected.

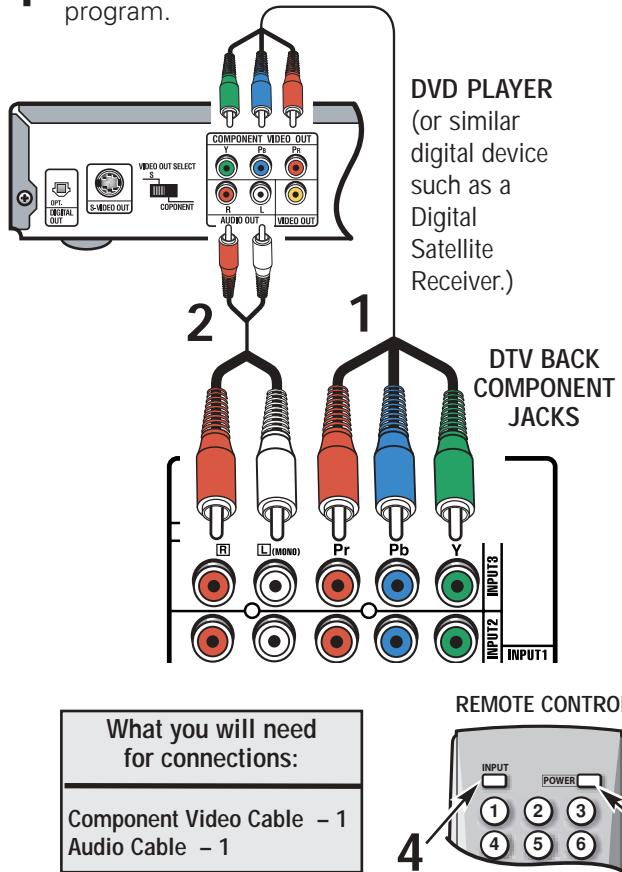
DIGITAL AV CONNECTIONS

USING COMPONENT JACKS TO CONNECT A DVD PLAYER OR OTHER DIGITAL EQUIPMENT

The Component Video jacks will accept HDTV, EDTV, or SDTV video content.

Switch off DTV and external equipment before connecting cables. (Cables are not supplied.) Follow these steps to easily connect your STB or **DVD Player** to this DTV:

- 1 Connect **DVD Player** or similar digital equipment's Component Video Out to the DTV's Video INPUT3 jacks.
- 2 Connect **DVD Player** or similar digital equipment's Audio Out to the DTV's INPUT3 Audio jacks.
- 3 Press **POWER** to turn on the DTV, then turn on external equipment.
- 4 Press **INPUT** to select Video3 to view the DVD program.



CONNECTING DIGITAL AUDIO OUT JACK TO A MULTI-CHANNEL RECEIVER

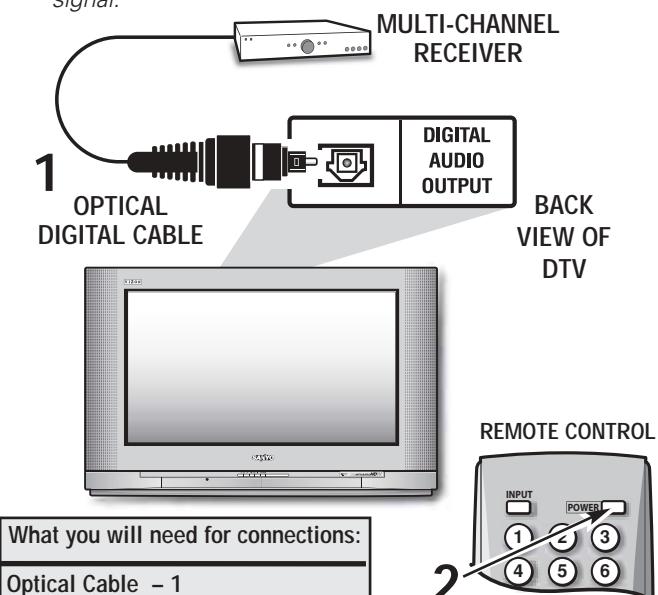
Dolby® Digital Audio provides 5.1 channels of surround sound (five full-range channels [5] and one low-frequency effect channel [.1]). A fiber optics cable is used to carry the 5.1 surround sound (for low-noise signal transfer).

- 1 Using a Fiber Optics cable, connect the DTV's Digital Audio Output to the Digital Audio Input of a Multi-Channel Receiver. (Fiber optics cable is not supplied.)
- 2 Press **POWER** to turn on the DTV, then turn on external equipment.

NOTES:

When making the connection, do not pinch or kink the fiber optics cable.

Red light visible at the Digital Audio Output does not necessarily indicate that Dolby® Digital 5.1 audio is available. Digital audio is made up of light pulses that the human eye cannot detect. Dolby® Digital 5.1 audio is available at the Digital Audio Output only when received as part of a Digital signal.



IMPORTANT NOTE FOR MONITOR USE:
If you did not connect an antenna, you **must** run All Channel Search twice before you can select the AV inputs.

Quick Tips

- INPUT2 and INPUT3 jacks have identical functions. Compatible video devices can be connected to either set of jacks.
- Press the **INPUT** key after connecting the cables, to select the Video2 or Video3 input signal. There is NO need to tune to a blank channel.

- "No Signal" will appear randomly on the screen when no signal is detected at the INPUT2 or INPUT3 inputs.
- Position your DTV at least 2 feet from stereo speakers. The magnets in the speakers may affect the picture quality.

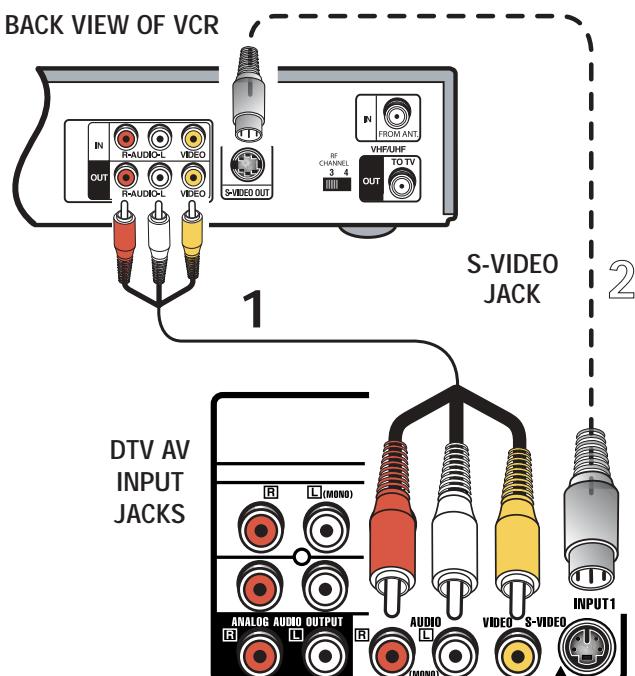
ANALOG AV CONNECTIONS

USING THE ANALOG VIDEO JACKS TO CONNECT A VCR (OR OTHER ANALOG DEVICE)

Switch off DTV and external equipment before connecting cables. (Cables are not supplied.)

- 1 Connect VCR's Audio Video Out to the DTV's INPUT1 jacks.
- 2 *Optional*
Connect VCR's S-Video Out to the DTV's S-Video In Jack.
- 3 Press **POWER** to turn on the DTV, then turn on external equipment.
- 4 Press **INPUT** to select **Video1** to view the VCR program.

Video1



4

3

NOTES: *Don't be fooled by the phrase "Available in High-Definition." Composite jacks offer only 480i (SDTV) resolution.*

To view available High-Definition (HD) programs, you must connect your HD equipment to the Component or HDMI jacks.

What you will need for connections:

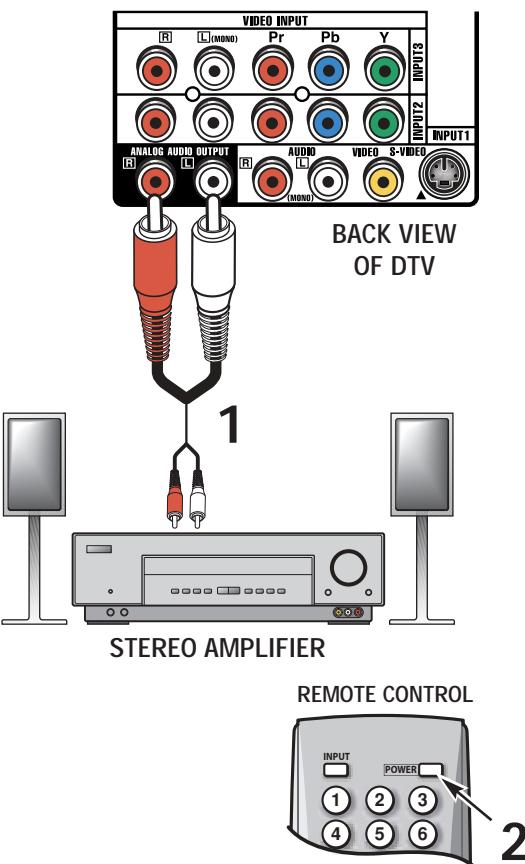
Audio Video Cable – 1
S-Video Cable – 1

CONNECTING ANALOG AUDIO OUT JACKS TO A STEREO AMPLIFIER

Switch off DTV and external equipment before connecting cables. (Cables are not supplied.)

- 1 Connect the DTV Audio Out (R/L) to the Stereo Amplifier In (R/L).
- 2 Press **POWER** to turn on the DTV, then turn on external equipment.

NOTE: **Do not** connect external speakers directly to the DTV.



IMPORTANT NOTE FOR MONITOR USE:

*If you did not connect an antenna, you **must** run All Channel Search twice before you can select the AV inputs.*

Quick Tips

- Press the **INPUT** key after connecting cables to access the Video1 input. There is NO need to tune to a blank channel.
- "No Signal" will appear randomly on the screen when no signal is detected at the INPUT1 video jack.
- Position your DTV at least 2 feet from stereo speakers. The magnets in the speakers may affect the picture quality.

USING THE REMOTE CONTROL

! PRECAUTIONS

To ensure safe operation, please observe the following precautions:

Replace both batteries at the same time. Do not use a new battery with a used battery.

Risk of explosion, if battery is replaced by an incorrect type.

Do not expose the Remote Control Unit to moisture or heat.

REMOTE CONTROL KEYS

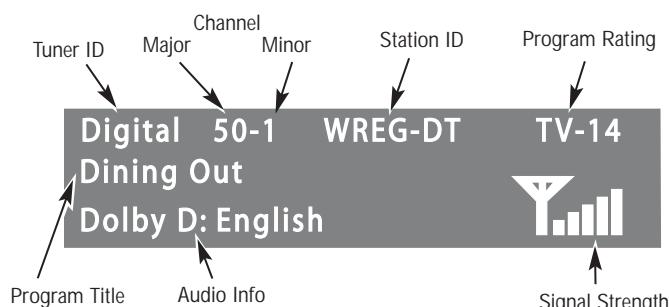
① Input Key—Press to change the input signal source as follows: Analog RF → Digital RF → Video1 → Video2 → Video3 → HDMI → Analog RF.

② Number Keys—Two keys must be pressed to select a direct channel. *Example: Press 0 then 6 to select channel 6.*

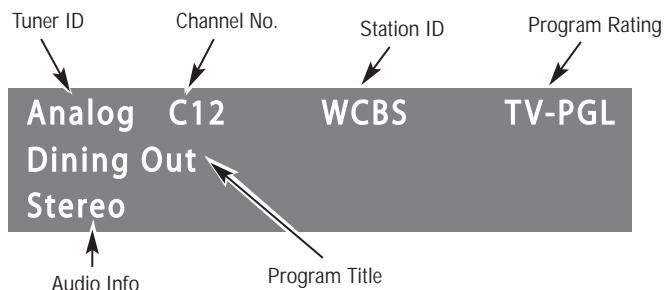
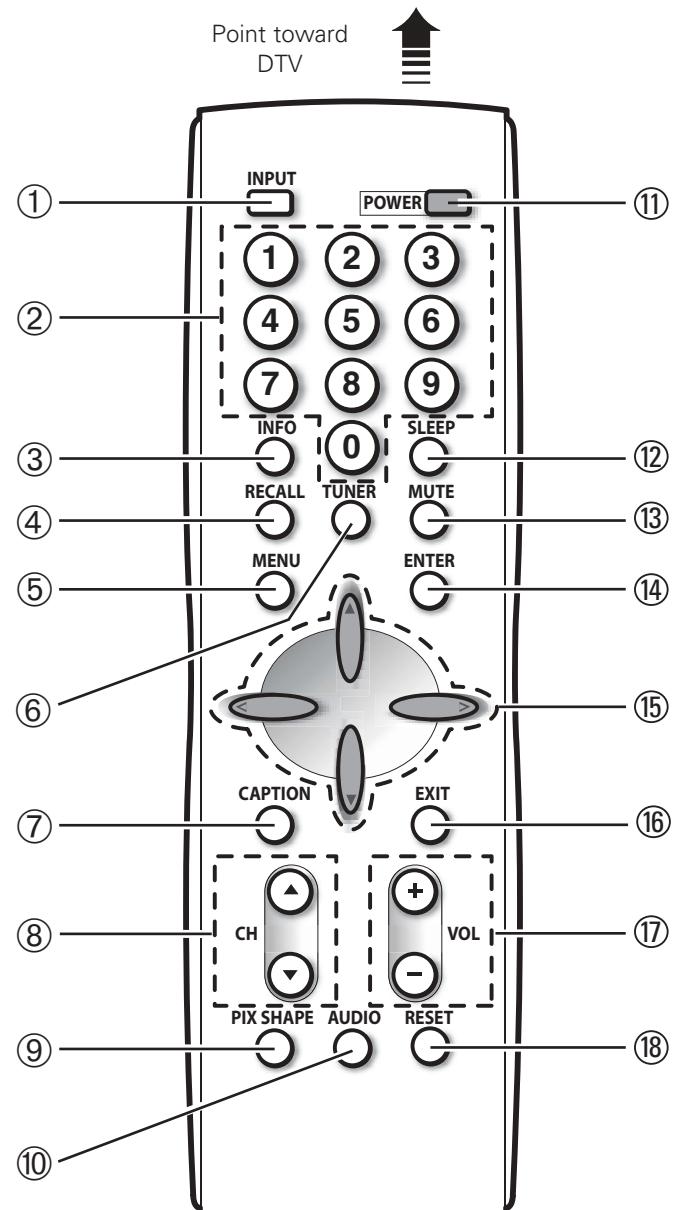
For Analog Cable channels above 100, press and hold the 1 key until C1— appears, then press the other two numbers.

③ Info Key—Press to display the Digital and Analog Full Banner information (press again to remove the display).

Digital Full Banner display—Contains a two-part Channel Number (Major and Minor) and Tuner ID. If available the following is also included: Station ID, Program Title, V-Chip Program Rating, Audio Info, and Signal Strength.



Analog Full Banner display—Contains the Channel Number (analog antenna/cable), Tuner ID, Station ID (if available), Program Title (if available), V-Chip Program Rating, and Audio Info.



④ **Recall Key**—Select the first channel you want to watch; then select another channel using the **NUMBER** keys. Press **RECALL** to switch easily between the channels.

*NOTE: The **RECALL** key cannot toggle between a Digital channel and an Analog channel. See **TUNER (#6)** key description.*

⑤ **Menu key**—Press this key to display the on-screen menu.

⑥ **Tuner Key**—Use this key to toggle from one tuning system to another, digital channels and analog channels.

*NOTE: The **TUNER** key is inactive when an external input is selected (Video1, Video2, Video3, or HDMI).*

⑦ **Caption Key**—Press to select analog or digital captioning. The Analog Caption modes are: CC1 ~ CC4, Quikcap, and OFF. The Digital Caption modes are: Digital CC1 ~ CC6, Quikcap, and OFF.

⑧ **Channel Scanning (CH ▲▼) Keys**—Press **▲** (up) **▼** (down) keys to tune to the next higher or lower channel in the Channel Scan Memory list. The scanning loop includes analog channels, digital channels, and all AV inputs.

⑨ **Pix Shape Key**—Use this key to change the video display format. Available options depend on signal received and the broadcast's aspect ratio. They may include: *PIX1*, *PIX2*, *PIX3*, and *PIX4*. See simulated TV images below.



PIX1

Gray colored borders appear at the sides, of the screen.

Note: 4:3 image without distortion on a 16:9 screen.



PIX2

A 16:9 image fills the screen normally. A 4:3 images is stretched horizontally and may appear distorted.



PIX3

Enlarges a Pix2 image vertically (some of the image may be cropped off).



PIX4

Stretches the Pix3 image horizontally (portions of the sides and/or top and bottom may be cropped off).

⑩ **Audio Key**—Press to select the desired audio mode (if available): DIGITAL: Main, Sub1, Sub2, Sub3, etc.; ANALOG: Stereo, Mono, SAP.

⑪ **Power Key**—Press to turn DTV on or off.

⑫ **Sleep Key**—Press this key, then press the **“0”** key to set the Sleep Timer. The desired time can be set from 30 minutes up to 3 hours in 30 minutes increments. Sleep Timer will switch off the DTV automatically. *NOTE: The Sleep Timer cancels when the DTV is turned off or if a power failure occurs.*

⑬ **Mute Key**—Press once to minimize the volume. Press again to restore.

*NOTE: This key **will not** mute sound from the audio out jacks.*

⑭ **Enter Key**—Press this key to select an option from the menu system, when required.

⑮ **Cursor ▲ (up) ▼ (down) keys**—Press these keys to move the cursor up and down within the menu.

Cursor < (left) > (right) keys—Press these keys to move the cursor left and right within the menu.

⑯ **Exit Key**—Press this key to exit from the menu system.

⑰ **Volume (VOL - +) Keys**—Press the **- +** keys to adjust volume. The screen displays a left or right red arrow that blinks as many times as you press the **Vol - +** keys.

⑱ **Reset Key**—Press twice to restore factory settings. The DTV will automatically start Channel Search and clear all customized settings.

NOTE: The Reset Function includes a channel search. Current Digital and Analog channel databases will be deleted and new ones created by the Channel Search process. To receive Digital Cable channels, see page 15 for Digital Cable Search.

These features will reset to factory defaults:

- Picture/Sound Adjustments: Color, Tint, Contrast, Brightness, Sharpness, and Tone
- Channel Memory—Digital/Analog channel databases will be replaced
- Analog Audio to Stereo
- Captioning to OFF
- V-Guide to OFF
- Menu Language to English
- Sleep Timer to OFF (if previously set)
- Any Video mode to TV mode

If desired, personal settings can be made again using the menu options.

IMPORTANT NOTE FOR MONITOR USE:

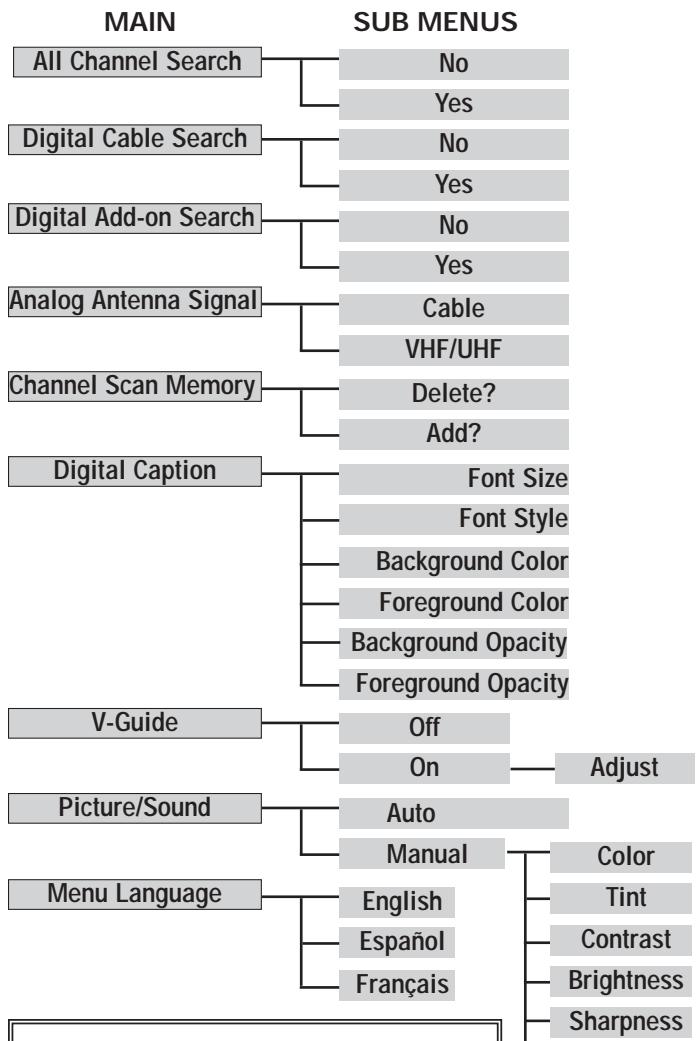
*If you did not connect an antenna, you **must** run All Channel Search twice before you can select the AV inputs.*

DTV ADJUSTMENT AND SETUP

HOW TO OPERATE THE MENU

The on-screen menu system provides the viewer with easy access to adjustments and settings. Just use the **MENU**, **CURSOR**, **ENTER**, and **EXIT** keys on the remote control and follow the on-screen instructions. Generally, you will use the **CURSOR** **▲▼** keys to select a menu item and the **CURSOR** **< >** keys to make an adjustment. The **ENTER** key confirms a setting. Press the **EXIT** key to return to normal TV viewing.

MENU NAVIGATION MAP



IMPORTANT FACTS:

Some Menu options are specific to Digital and Analog signals and will vary accordingly.

Also, some options are not available in combination. Unavailable options will appear "grayed-out" in the menu. For example, Analog Antenna Signal is not available when tuned to a Digital Channel.

MENU OPTIONS

ALL CHANNEL SEARCH

Use All Channel Search to replace existing Digital and Analog Channel databases, such as, if you move to another city.

*NOTES: During Channel Search, current Digital and Analog channel databases are deleted and new ones created. To receive Digital Cable channels, if available, you **must** perform a Digital Cable Search.*

To add new digital channels to the existing database, use Digital Add-on Search, see page 15.

- 1 Press the **MENU** key to display the Main menu.
- 2 Use the **CURSOR** **▲▼** keys to highlight (green) the **All Channel Search**. Press **ENTER**.
- 3 Use the **CURSOR** **▼** key to select Yes. Press **ENTER**.



DIGITAL CABLE SEARCH (OPTIONAL)

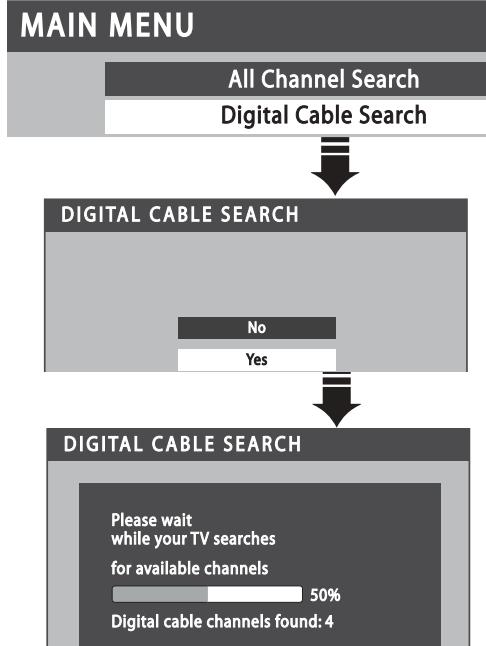
This DTV can receive unscrambled (ClearQAM) digital cable channels, when available. However, not all cable companies provide ClearQAM digital channels.

Searching for digital cable channels will take about 10 minutes, please be patient.

- 1 Connect a Digital Cable signal directly to the DTV Digital Antenna In Terminal.



- 2 Press the **TUNER** key to select the Digital Tuner.
- 3 Press the **MENU** key to display the Main menu.
- 4 Use the **CURSOR ▲▼** keys to highlight (green) *Digital Cable Search*. Press **ENTER**.
- 5 Use the **CURSOR ▼** key to select Yes. Press **ENTER**.



NOTE: After Channel Search is complete, the DTV will tune to the lowest Digital Cable channel (or lowest Analog channel if no Digital Cable channel is found).

IMPORTANT FACT: This DTV maintains only one database of digital channels. Therefore, when you search for ClearQAM digital cable channels, the database of antenna digital channels will be deleted. You will only be able to receive those ClearQAM channels your cable company provides.

Cable companies rearrange virtual channels as programming changes, which may cause the program you are watching to move to another channel. This message will appear on the screen briefly to notify you of a change. You will have to relocate the program you were watching by scanning through the channels.

To restore the antenna digital channel database, reconnect the antenna and use the menu system to perform an All Channel Search.

Program change from cable company

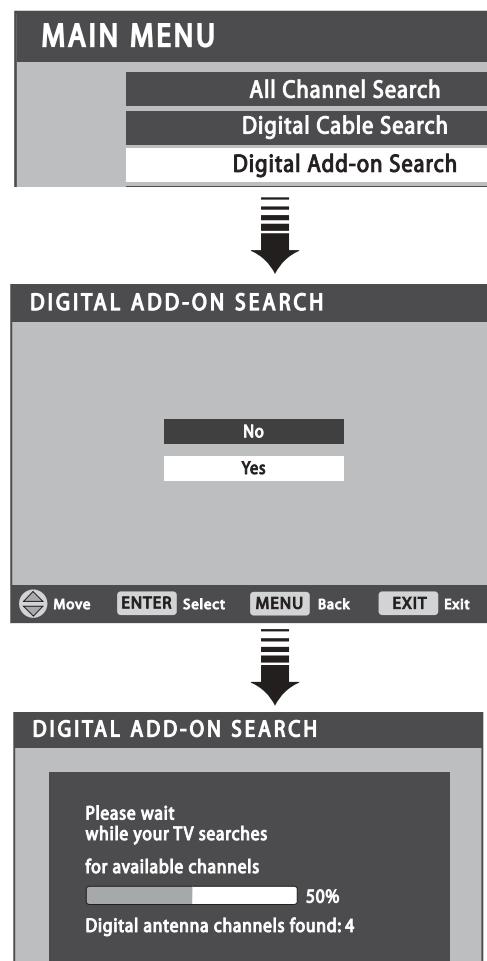
DIGITAL ADD-ON SEARCH

Use this feature to add new channels to the digital antenna channel database. Also, use this feature to add channels when broadcast towers are in multiple directions from your location.

- 1 Press the **TUNER** key to select the Digital Tuner.
- 2 Press the **MENU** key to display the Main menu.
- 3 Use the **CURSOR ▲▼** keys to highlight (green) *Digital Add-On Search*. Press **ENTER**.
- 4 Use the **CURSOR ▼** key to select Yes. Press **ENTER**.

NOTES: Turn your Antenna and repeat these steps for each direction in which there are transmitting towers.

Go to www.antennaweb.org and type in your zip code to obtain specific tower and antenna information.

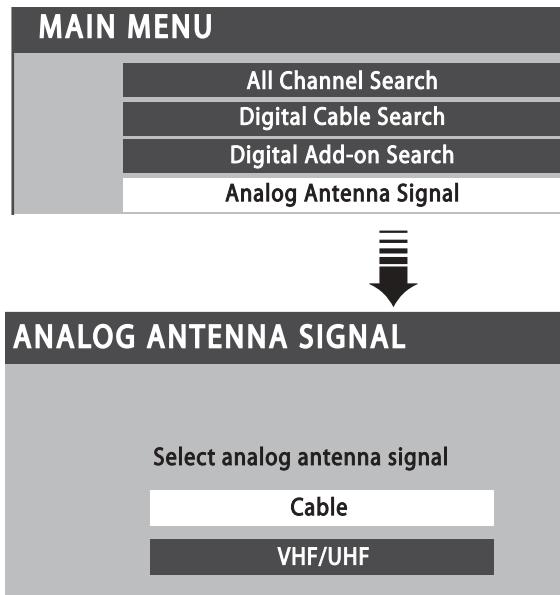


NOTE: If the DTV is switched off by pressing the **POWER** key or unplugging the AC during Digital Add-On Search, all channel information detected before the power loss occurred will be saved.

ANALOG ANTENNA SIGNAL (OPTIONAL)

Use this feature to switch between analog off-air channels and analog cable channels.

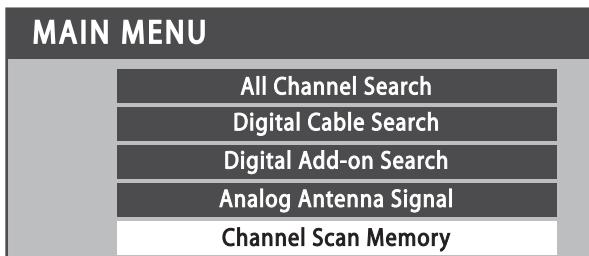
- 1 Press the **TUNER** key to select analog channels.
- 2 Press the **MENU** key to display the Main menu.
- 3 Use the **CURSOR ▲▼** keys to highlight (green) the **Analog Antenna Signal**. Press **ENTER**.
- 4 Use the **CURSOR ▲▼** keys to choose *Cable* or *VHF/UHF*. Press **ENTER**.
- 5 Press the **EXIT** key to return to normal TV viewing.



CHANNEL SCAN MEMORY

Channel Scan Memory is a list of active channels that you can scan through using the **Channel Scan CH ▲** (up) **CH ▼** (down) keys. This list can be customized by deleting and/or adding channels.

- 1 Press the **MENU** key to display the Main menu.
- 2 Use the **CURSOR ▲▼** keys to highlight (green) **Channel Scan Memory**. Press **ENTER**.



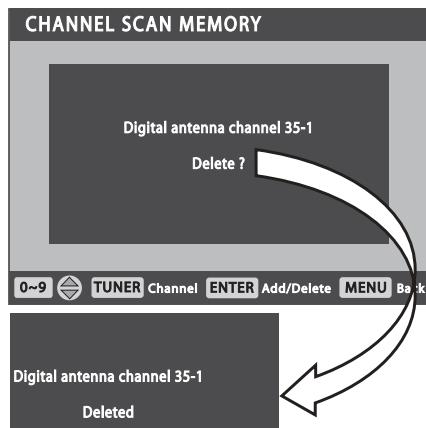
To Delete channels from the Channel Scan Memory

- 3 Use the **CHANNEL (CH ▲▼)** keys or numerical **0 ~ 9** keys to select desired channel. HINT: Press the **TUNER** key to switch between Digital and Analog Channel Scan memories.

- 4 Press the **ENTER** key to delete the channel. The display will change to "deleted."

NOTES:

"Delete?" will appear below the channel number if the selected channel is already in the Channel Scan Memory.



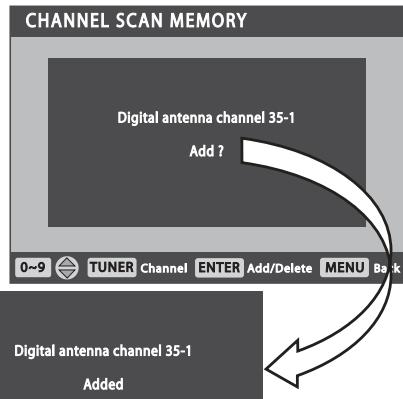
Use the number keys to tune to active channels not in the Channel Scan Memory list.

To Add a channel to the Channel Scan Memory

- 3 Use the numerical **0 ~ 9** keys to select the desired channel number. "Add?" will appear below the channel number.

- 4 Press the **ENTER** key to add the channel. The display will change to "Added."

When you have finished adding and/or deleting channels, press the **EXIT** key to return to normal TV viewing.



Quick Tips

- When a digital channel is deleted, all of that channel's sub-channels are deleted as well.
- Only previously deleted digital channels can be added back to the Channel Scan Memory.
- If one digital sub-channel is added back to the Channel Scan Memory all of that channel's sub-channels will be added back.
- If the last remaining digital channel is deleted, the entire previous Channel Scan Memory list will be restored automatically.
- If the last remaining analog channel is deleted (cable or off-air channel), ALL analog channels (cable or off-air) will be restored automatically, regardless of the previous Analog Channel Scan Memory list.

DIGITAL CAPTION

Closed-Captioning is hidden textual information transmitted along with the picture and sound. Turning Captioning ON causes the DTV to open these captions and superimpose them on the screen. Because different types of closed-captions can be transmitted with the picture and sound, separate captioning modes are provided. The captioning modes recognized by this model are: Analog EIA-608B and Digital EIA-708B. Local broadcasters decide which caption signals to transmit.

CHANGING THE LOOK OF DIGITAL CAPTIONS

This *Font Size*, *Font Style*, *Background Color*, *Foreground Color*, *Background Opacity*, and *Foreground Opacity* of Digital Captions can be changed.

NOTES: If Background Opacity is set to transparent, captions may be difficult to see.

Only true EIA 708B Digital Closed-Captions are affected by all of these settings.

Analog captions generally will not respond to these adjustments, however, upconverted analog captions may respond to some options.

- 1 Press the **TUNER** key to select the Digital Tuner.
- 2 Press the **MENU** key to display the Main menu.
- 3 Use the **CURSOR ▲▼** keys to highlight (green) the *Digital Caption*. Press **ENTER**.
- 4 Use the **CURSOR ▲▼** keys to highlight (green) an option. Press **ENTER**.
- 5 Use the **CURSOR ▲▼** or **< >** keys to select the desired effect.
- 6 When you have finished making adjustments, press the **EXIT** key to return to normal TV viewing.

TO VIEW CAPTIONS

- 1 Press the **CAPTION** key to select caption modes.

Digital modes: Digital CC1 through Digital CC6, QuikCap, and Off.

Analog modes: CC1 through CC4, QuikCap, and Off.



Analog Caption



Digital Caption

QUIKCAP OPERATION

QuikCap turns captioning on and off with the **Mute** function. Press the **MUTE** key on the remote control to block the TV sound; the captions display automatically, if available. Press the **MUTE** key again to restore the sound. Captions will disappear.

MAIN MENU

- All Channel Search
- Digital Cable Search
- Digital Add-on Search
- Analog Antenna Signal
- Channel Scan Memory
- Digital Caption



DIGITAL CAPTION

Font Size	Standard
Font Style	Font 1
Background Color	Yellow
Foreground Color	Green
Background Opacity	Default
Foreground Opacity	Solid

Move Select MENU Back EXIT Exit

V-GUIDE (PARENTAL CONTROL)

NOTE: THIS FEATURE IS DESIGNED TO COMPLY WITH THE UNITED STATES OF AMERICA'S FCC V-CHIP REGULATIONS. THEREFORE, IT MAY NOT FUNCTION WITH BROADCASTS THAT ORIGINATE IN OTHER COUNTRIES.

This Sanyo television is equipped with an electronic V-Chip to interpret MPAA (Motion Picture Association of America) and TV Parental Guidelines rating codes. When these codes are detected, the DTV will automatically display or block the program, depending upon choices you make when setting up the V-Guide system. Content ratings are represented by the initials: FV (fantasy violence), L (adult language), S (sexual situations), V (violence), and D (suggestive dialog). A rating icon will generally appear at the beginning of a program, see chart on page 19.

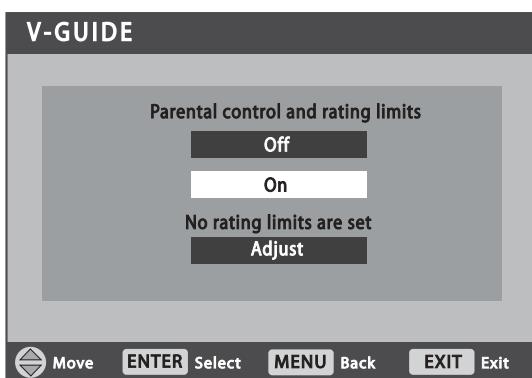
This television can be set to block programs with content you deem as inappropriate for your children to view.

TO BLOCK MPAA MOVIE OR TV PROGRAMS

- 1 Press the **MENU** key to display the Main menu.
- 2 Use the **CURSOR ▲▼** keys to highlight (green) **V-Guide**. Press **ENTER**.
- 3 Use the **CURSOR ▲▼** keys to select **ON**. Press **ENTER**.

TO SETUP V-GUIDE RATINGS

- 4 Use the **CURSOR ▼** to select **Adjust**. Press **ENTER**.
- 5 Press **CURSOR ▲▼** and **< >** keys to select MPAA Movie Rating, TV Rating, or Content Ratings. (A green square will appear beside the selected item.)
- 6 Press the **ENTER** key to Block or Unblock selected option. A lock () will appear beside the selected rating option indicating it is blocked.
- 7 When you have finished making adjustments, press the **EXIT** key to return to normal TV viewing.



V-GUIDE RATINGS—AT-A-GLANCE

MPAA (Movie) RATING		TV RATING		CONTENT RATING			
RATING		Allow All		Block All			
MOVIE	TV	F	V	D	L	S	V
G	TV-Y						
PG	TV-Y7						
PG13	TV-G						
R	TV-PG	■		■	■	■	■
NC17	TV-14	■		■	■	■	■
X	TV-MA	■		■	■	■	■

Move ENTER Select MENU Back EXIT Exit

BLOCKED RATINGS
(Lock symbol)

TO TEMPORARILY UNBLOCK MPAA MOVIE OR TV RATING

- 1 Press the **MENU** key to display the Main menu.
- 2 Use the **CURSOR ▲▼** keys to highlight (green) **V-Guide**. Press **ENTER**.
- 3 Use the **CURSOR ▲▼** keys to select **OFF**. Press **ENTER**.

This will temporarily set V-Guide to **OFF**. When V-Guide is reset to **ON** (follow steps 1~2), the DTV will automatically revert to previously selected block ratings.

TO UNBLOCK ALL MPAA MOVIE OR ALL TV RATING

- 1 Press the **MENU** key to display the Main menu.
- 2 Use the **CURSOR ▲▼** keys to highlight (green) **V-Guide**. Press **ENTER**.
- 3 Press **ENTER** to select **Adjust**.
- 4 Highlight the "Allow All" option using the **CURSOR ▲▼, < >** keys, if needed. Press **ENTER**.

IMPORTANT FACT: The DTV will automatically block ratings above or unblock ratings below a selection. For example, if you block TV rating TV-PG, ratings TV-14 and TV-MA will be blocked automatically; or if you block Movie rating PG-13, ratings R, NC17, and X will be blocked automatically.

Blocking TVY7 **does not** block higher ratings.

TV RATINGS (AGE/CONTENT-BASED)



ALL CHILDREN—Program is designed to be appropriate for children ages 2-6.



DIRECTED TO OLDER CHILDREN—Program is designed for children 7 and above. Material may include mild fantasy violence (FV) or comedic violence.



GENERAL AUDIENCE—Program suitable for all ages. Contains little or no violence, no strong language or sexual dialogue or situations.



PARENTAL GUIDANCE SUGGESTED—Program contains material that may be unsuitable for younger children. Material contains one or more of the following: moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).



PARENTS STRONGLY CAUTIONED—Some material is unsuitable for children under 14 years of age. Parents are strongly urged to use caution against letting children under age 14 watch unattended. Material contains intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).



MATURE AUDIENCE ONLY—Program is designed to be viewed by adults and therefore may be unsuitable for children under 17 years of age.

MPAA MOVIE RATINGS (AGE-BASED)

- G** **GENERAL AUDIENCES**—All ages admitted.
- PG** **PARENTAL GUIDANCE SUGGESTED**—Some material may not be suitable for children.
- PG-13** **PARENTAL GUIDANCE CAUTIONED**—Some material may be inappropriate for children under 13.
- R** **RESTRICTED**—Under 17 requires accompanying parent or adult guardian
- NC-17** **NO ONE 17 AND UNDER ADMITTED**

Quick Tips

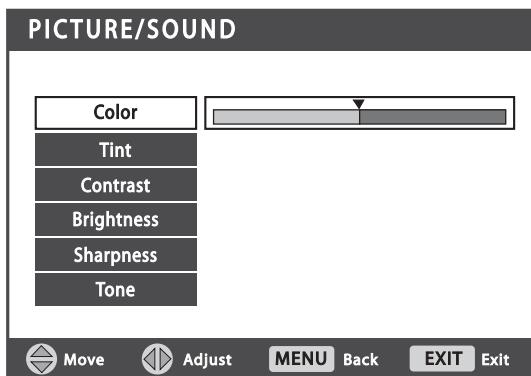
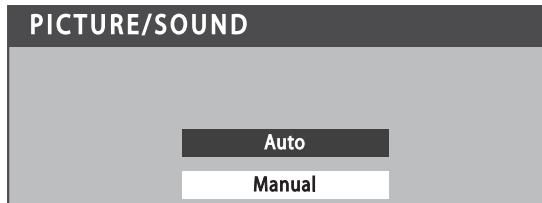
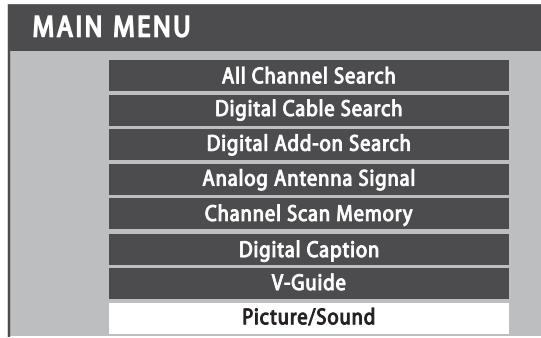
- The V-Guide menu display remains on screen for approximately 30 seconds. If it disappears, press the **V-GUIDE** key.
- You can block portions of a TV rating by choosing one or more of the Content ratings (D, L, S, and V). By blocking just the L and S content ratings of TV-14, for example, TV-14 rated programs with a D and/or V content rating could still be viewed.
- V-Guide limits on programming received via the Analog antenna input, Digital antenna input, INPUT1 Video input, and any 480i signals received through the INPUT2 or INPUT3 jacks are controlled by this DTV.
- V-Guide limits on digital programming received through the Component jacks (Video2 or Video3) are controlled by the external devices connected to those jacks (such as a DVD Player or Satellite Receiver). Refer to your external device's owner's manual for instructions on setting V-Guide limits.
- Networks and local stations may or may not include the content ratings portion of the TV Parental Guidelines.

PICTURE/SOUND ADJUSTMENT

- 1 Press the **MENU** key to display the Main menu.
- 2 Use the **CURSOR ▲▼** keys to highlight (green) *Picture/Sound*. Press **ENTER**.
- 3 Use the **CURSOR ▲▼** keys to highlight (green) *Auto* (factory preset settings) or *Manual*. Press **ENTER**.

MANUAL ADJUSTMENTS

- 4 Use the **CURSOR ▲▼** keys to select the option you want to adjust.
- 5 Then use the **CURSOR < >** keys to make an adjustment.
- 6 When you have finished making adjustments, press the **EXIT** key to return to normal TV viewing.

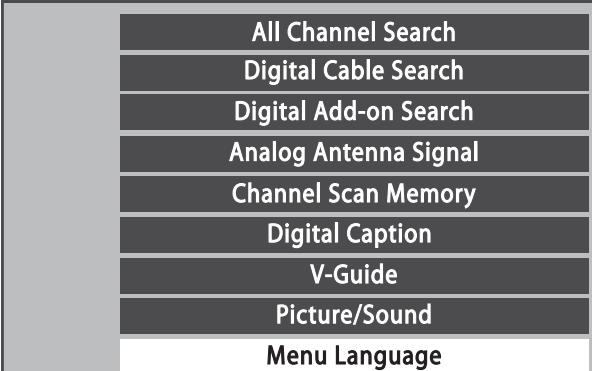


Move Adjust MENU Back EXIT Exit

MENU LANGUAGE

- 1 Press the **MENU** key to display the Main menu.
- 2 Use the **CURSOR ▲▼** keys to highlight (green) *Menu Language*. Press **ENTER**.
- 3 Use the **CURSOR ▲▼** keys to select *English*, *Español*, or *Français*.
- 4 Press the **EXIT** key to return to normal TV viewing.

MAIN MENU



MENU LANGUAGE



HELPFUL HINTS (Problems/Solutions)

Because of the Quality we build into our product, very few problems are actual DTV defects. Most problems only involve simple hookup or setup changes that can be solved by the customer. Please check the chart

below and try the solutions listed for your problem. If the problem still persists, **before returning your HDTV**, please visit our website at www.sanyoctv.com or call us **toll free at 1.800.877.5032. We can Help!**

Problem	Check these Conditions	Try these Solutions	Page No.
DTV turns off automatically.	● The sleep timer may have been set.	● Press POWER key.	13
No picture, sound (Digital Picture).	● Check antenna/external connections. ● May be station trouble, NO signal broadcast. ● MUTE function may be on.	● Adjust antenna. ● Try a different channel. ● Press RESET key to restart channel search. ● Adjust Volume.	5, 13
No Captioning.	● Check if station is broadcasting a Closed-Caption signal. Select another channel.	● Press CAPTION key to select Captioning.	17
Cannot customize Caption.	● Digital Caption signal not broadcast.	● Press CAPTION key to select Analog captioning.	17
Cannot display picture on a full screen.	● Check Aspect Ratio of broadcast.	● Press PIX SHAPE key to change setting.	13
Pixilation of Digital image.	● Press INFO key and check the signal strength.	● Turn antenna, install signal booster. ● Install outdoor Digital antenna.	5, 12
Poor Picture/ Sound (watching Analog).	● Check if program is in color. ● Check antenna/external connections. ● Color or Tint misadjusted. ● May be station trouble. ● MUTE function may be on.	● Try a different channel. ● Adjust antenna. ● Press RESET key to restart channel search. ● Adjust Volume.	13, 20
"No Signal" message appears on the screen.	● Check Audio/ Video connections. ● Check external equipment connections. ● Check external equipment setting.	● Press INPUT key. ● Switch on external equipment. ● Set external equipment output connections to match input connections.	9 ~11
No DTV Stereo or SAP sound.	● Check if station is broadcasting a true MTS stereo signal or a SAP signal.	● Press AUDIO key.	13
No UHF, VHF Channels OK.	● Cable Channel indicator C should not appear next to the channel number.	● Switch Analog antenna signal to VHF/UHF.	16
Cannot select or scan some channels.	● Channel may be removed from memory. ● Check antenna connections. ● No digital signal being broadcast. ● Signals are weak. ● V-Guide is set to block programming.	● Select Channel Scan Memory and manually add channels or start CH. (channel) search. ● Turn Antenna or install signal booster. ● Set V-Guide to "None" or press the RESET key to clear all settings and restart channel search.	16 18 ~ 19
No Cable channels above number 13.	● Cable Channel Indicator C should appear next to channel number.	● Switch Analog Antenna signal to Cable.	16
Remote Control will not work TV.	● Check batteries ● Make sure TV is plugged in.	● Replace batteries two "AAA." ● Aim remote control at front of TV.	6,12~13
Cabinet makes popping sound.	● This is a normal condition during warm-up and cool down of the plastic cabinet parts.		

CARE AND CLEANING

CLEANING THE CABINET

The surface of the cabinet can be damaged if not properly maintained. Many common household aerosol sprays, cleaning agents, solvents, and polishes will cause permanent damage to the fine surface.

- 1. Unplug the power cord before cleaning the television.**
- 2. Clean the cabinet with a soft dry cloth.**

NOTE: Never spray liquids on the screen because they can run down and drip onto the chassis. This may cause component failure not covered under Warranty.



MEXICO GUARANTEE

IMPORTADOR:

COMERCIALIZADORA MEXICO
AMERICANA, S. DE R.L. DE C.V.
AV. NEXTENGO N° 78
COL. SANTA CRUZ ACAYUCAN
DEL. AZCAPOTZALCO, MÉXICO, C.P. 02770
RFC: CMA9109119L0

DESCRIPTION: Television
BRAND: SANYO
MODEL: HT30746

GUARANTEE

THE APPARATUS THAT YOU HAVE ACQUIRED HAS A ONE YEAR GUARANTEE FOR MANUFACTURING DEFECTS AND A ONE YEAR SERVICE WARRANTY FROM THE DATE OF PURCHASE GRANTED BY:

COMERCIALIZADORA MEXICO-AMERICANA, S. DE R.L. DE C.V.

UNDER THE FOLLOWING CONDITIONS:

1. TO MAKE THE GUARANTEE EFFECTIVE, SIMPLY SHOW THIS POLICY FILLED OUT BY THE STORE OR SUPPLIER UNIT OR THIS SALES INVOICE, WITH THE APPARATUS IN ANY OF THE SERVICE CENTERS INDICATED ON THIS GUARANTEE.
2. IF THE FAULT IS ATTRIBUTED TO A MANUFACTURING DEFECT, THE APPARATUS WILL BE REPLACED OR YOUR MONEY REFUNDED. DURING THE 30 DAYS SUBSEQUENT TO THE PURCHASE THE GUARANTEE WILL BE VALID AT THE STORE WHERE THE APPARATUS WAS PURCHASED, PRESENTING THE ABOVE DOCUMENTS.
3. REPAIR TIME WILL NEVER BE MORE THAN 30 DAYS. IF THIS TIME HAS ELAPSED, AND THE PRODUCT ISN'T REPAIRED, COMERCIALIZADORA MEXICO AMERICANA, S. DE R.L. DE C.V. WILL PROCEED TO EFFECTUATE THE EXCHANGE FOR AN EQUIVALENT APPARATUS OR THE RETURN OF THE BUYING-SALE COST RESPECTIVELY.
4. THIS GUARANTEE WILL COVER ITS TOTALITY OF PIECES, COMPONENTS AND SERVICE REPAIR OF PRODUCT, AND THE RESPECTIVE COST OF TRANSPORTATION.

THIS GUARANTEE WILL BE NULL AND VOID IN THE FOLLOWING CIRCUMSTANCES:

- * WHEN PRODUCT HAS BEEN USED IN A DIFFERENT CONDITION THAN ITS NORMAL USE.
- * WHEN PRODUCT HASN'T BEEN OPERATING CORRECTLY ACCORDING TO THE INSTRUCTIONS IN THIS MANUAL.
- * WHEN PRODUCT HAS BEEN CHANGED OR REPAIRED BY PERSONS NOT AUTHORIZED FROM THE MANUFACTURER, IMPORTER, OR MERCHANT RESPONSIBLE RESPECTIVE.

CENTRO DE SERVICIO Y LUGAR DONDE OBTENER PARTES, COMPONENTES, CONSUMIBLES Y ACCESORIOS:

SUCURSAL VALLEJO	SUCURSAL MINERVA
Poniente 126 N° 288 B	Silos N° 135, Col. Minerva
Col. Nueva Vallejo	Deleg. Iztapalapa
México, D.F.	México, D.F. 09810
Tels. 5567-5378	Tels. 5646-4551
5368-0105, 8589-8033	5646-4550

STAMP, DATE AND SIGNATURE
OF
STORE

DESCRIPTION: TELEVISION BRAND: SANYO MODEL: HT30746

CLIENT'S NAME: _____

ADDRESS: _____

EXTERIOR NUMBER: _____ INTERIOR NUMBER: _____

SUB DIVISION: _____ STATE/DELEGATION: _____

TELEPHONE: _____

UNITED STATES AND CANADA WARRANTY

ONE-YEAR LIMITED WARRANTY

THIS LIMITED WARRANTY IS VALID ONLY ON SANYO TELEVISIONS PURCHASED AND USED IN THE UNITED STATES OF AMERICA, CANADA, AND PUERTO RICO, EXCLUDING THE UNITED STATES' OTHER TERRITORIES AND PROTECTORATES. THIS LIMITED WARRANTY APPLIES ONLY TO THE ORIGINAL PURCHASER, AND DOES NOT APPLY TO PRODUCTS USED FOR INDUSTRIAL OR COMMERCIAL PURPOSES.

FOR ONE YEAR from the date of purchase, Sanyo Manufacturing Corporation will replace any defective TV.

To insure proper warranty exchange, keep the original sales receipt for evidence of purchase. Return the defective TV to the retailer along with the receipt and the included accessories, such as the remote control. The defective TV will be exchanged for the same model, or a replacement model of equal value, if necessary. Replacement model will be contingent on availability and at the sole discretion of Sanyo Manufacturing Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

OBLIGATIONS

For one year from the date of purchase, Sanyo Manufacturing Corporation warrants this product to be free from defects in material and workmanship under normal use and conditions. Should replacement be necessary under this warranty for any reason due to manufacturing defect or malfunction during the first year from date of original purchase, Sanyo Manufacturing Corporation will provide a new TV via exchange at the retailer.

For customer assistance, whether during or out of the warranty period, call toll free 1-800-877-5032.

Weekdays 7:30 AM – 7:00 PM Central Time

Saturday 7:30 AM – 4:00 PM Central Time

This warranty expresses specific contractual rights; retail purchasers may have additional statutory rights which vary from state to state.

(EFFECTIVE: August 1, 2002)

For your protection in the event of theft or loss of this product, please fill in the information requested below and KEEP IN A SAFE PLACE FOR YOUR OWN PERSONAL RECORDS.

Model No. _____

Date of Purchase _____

Serial No. _____

Purchase Price _____

(Located on back of unit)

Where Purchased _____



Sanyo Manufacturing Corp.
3333 Sanyo Road, Forrest City, AR 72335